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Substitute for form 1449A/PTO Complete if Known 10/617,292 Application Number INFORMATION DISCLOSURE E STATEMENT BY APPLICANT Filing Date July 10, 2003 Shot Named Inventor Lawrence James Delucas et al. Por Unit (Use as many sheets as necessary DEC 0 7 200 Examiner Name Monique T. Cole ajorney Dockel Number of 20. 704641-2001 Sheet

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STA	TEMENT B	Y A	PPLICANT	First Named Inventor	Lawrence James Delucas et al.	
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	(Use as many sh	eets as	necessary)	Examiner Name	Monique T. Cole	
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				Art Unit	1743	
	(Use as many she	ets as	necessary)	Examiner Name	Monique T. Cole	
Sheet	3	of	20 .	Attorney Docket Number	704641-2001	

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						Art Unit	1743			
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			Application Number	10/617,292	
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			Art Unit	1743	
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO Complete if Known Application Number 10/617,292 **INFORMATION DISCLOSURE** Filing Date July 10, 2003 STATEMENT BY APPLICANT First Named Inventor Lawrence James Delucas et al. Art Unit 1743 (Use as many sheets as necessary) Examiner Name Monique T. Cole of 20 704641-2001 Sheet Attorney Docket Number

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				Art Unit	1743
	(Use as mar	ny sheets as	necessary)	Examiner Name	Monique T. Cole
Sheet	9	of	20	Attorney Docket Number	704641-2001

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Sheet 10

	Complete if Known
Application Number	10/617,292
Filing Date	July 10, 2003
First Named Inventor	Lawrence James Delucas et al.
Art Unit	1743
Examiner Name	Monique T. Cole
Attorney Docket Number	704641-2001

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て	Sheet	13		of	20	Attorney Docket Number	704641-2001		

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO Complete if Known Application Number 10/617,292 INFORMATION DISCLOSURE July 10, 2003 Filing Date STATEMENT BY APPLICANT Lawrence James Delucas et al. First Named Inventor Art Unit 1743 (Use as many sheets as necessary) Examiner Name Monique T. Cole 704641-2001 Sheet of 20 Attorney Docket Number

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				Application Number	10/617,292
INFO	RMATIC	ON DIS	CLOSURE	Filing Date	July 10, 2003
STAT	EMENT	BY A	PPLICANT	First Named Inventor	Lawrence James Delucas et al.
				Art Unit	1743
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Sheet	15	of	20	Attorney Docket Number	704641-2001

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				Art Unit	1743
	(Use as mar	y sheets as	necessary)	Examiner Name	Monique T. Cole
Sheet	Sheet 18 of 20			Attorney Docket Number	704641-2001

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					Application Number	10/617,292		
	INFORMATION DISCLOSURE			SCLOSURE	Filing Date	July 10, 2003		
	STAT	TEMENT	BY A	PPLICANT	First Named Inventor	Lawrence James Delucas et al.		
					Art Unit	1743		
		(Use as mar	y sheets as	necessary)	Examiner Name	Monique T. Cole		
$\bar{}$	Sheet	19	of	20	Attorney Docket Number	704641-2001		

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Examiner	Index No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
KM	298	WEBSITE: "General Interest - Invited Abstracts," (July 26, 2001) printed from http://www.hwibuffalo.edu/ACA/ACAOl/abstracts on 4/13/02 (2 pages)	
l	299	WEBSITE: "Harima Workshop on Implementation for High-throughput Structure Determination by Protein Crystallography—Present Status and Future Goal— A Satellite of International Conference on Structural Genomics 2000 at -Spring-8." printed from http://www.spring8.or.jp/english/conference on 12/19/01 (4 pages)	
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Substitute	e for form 1449	A/PTO		Complete If Known		
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STA	TEMEN'	T BY A	PPLICANT	First Named Inventor	Lawrence James Delucas et al.	
				Art Unit	1743	
	(Use as mai	ny sheets as	necessary)	Examiner Name	Monique T. Cole	
Sheet	20	of	-20	Attorney Docket Number	704641-2001	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Index No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	т,
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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ATTORNEY DOCKET NO. 21085.0040U2 APPLICATION NO. 10/617,292 SHEET 1 OF 3

Complete if Known RAN FRANCETO-1449 **Application Number** 10/617,292 S. DEPARTMENT OF COMMERCE Filing Date July 10, 2003 PATENT AND TRADEMARK OFFICE DeLucas et al. First Named Inventor LIST OF INFORMATION CITED BY APPLICANT Unassigned **Group Art Unit** (Use as many sheets as necessary) Unassigned **Examiner Name U.S. PATENT DOCUMENTS** Class Subclass Filing Name Date Examiner's Cite Document No. Date (if Initials appropriate 356 301 10/26/99 Ansari et al. 5.973.779 **A1 FOREIGN PATENT DOCUMENTS** Translation Name Cite Foreign Patent Document Date Examiner's Yes/No Country Code-Number-Kind Code Initials **NON-PATENT DOCUMENTS** Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication) Examiner's Cite Initials Bellec et al., "In situ time-resolved FTIR spectroelectrochemistry: study of A2 KM the reduction of TCNQ," Eletrochem. Commun. 3:483-488 (2001) Bordin et al., "Identification and quantification of major bovine milk **A3** proteins by liquid chromatography," J Chromatography A 928:63-76 KM (2001)Boussaad et al., "High-Resolution Multiwavelength Surface Plasmon **A4** Resonance Spectroscopy for Probing Conformational and Electronic KM Changes in Redox Proteins," Anal. Chem. 72:222-226 (2000) Brochure: "JASCO - Pioneering in modern protein science: UV/Vis, **A5** KM FTIR, Raman, CD," Unverified date Chappell et al., "Quantitative analysis of chromium(V) by EPR **A6** KM spectroscopy," Talanta 46:23-38 (1998) Clake and Kane, "Optical detection of membrane diopole potential: A7 avoidance of fluidity and dye-induced effects," Biochimica Biophysica KM Acta 1323(2):223-239 (January 31, 1997) Codina et al., "Combined use of ESI-MS and UV diode-array detection for **A8** KM localization of disulfide bonds in proteins: application to an α-Lfucosidase of pea," J Peptide Res. 57:473-482 (2001) D'Alessio et al., "Absorption spectroscopy of toluene pyrolysis," Optics **A9** KM and Lasers in Engineering 37:495-508 (2002) Feher and Kam, "Diffraction Methods for Biological Macromolecules," eds A10 Wyckoff and Hirs, Methods in Enzymology, eds in chief Colonick and KM Kapler, 1985, Academic Press, Orlando, 77-113 Grube et al., "IR-spectroscopic studies of Zymomonas mobilis and levan A11 KM precipitate," Vibrat. Spectro. 28:277-285 (2002) Hautala et al., "Measurement of aquatic humus content by spectroscopic A12 KM analyses," Wat. Res. 34(1):246-254 (2000) Hayakawa et al., "Protein determination by high-performance gel-A13 permeation chromatography: applications to human pancreatic juice, KM human bile and tissue homogenate," J Chromatography B 754:65-76 (2001)



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